

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-006027**Date Inspected:** 13-Mar-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Liu Wei Wei**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG Longitudinal Diaphragms / Seg 8E**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, D.Sukanthan was present during the time noted above for observations relative to the work being performed.

OBG # BAY 2

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control Personnel. This QA Inspector generated an MT report for this date. The member is identified as Segment 1AA. The weld designations reviewed are as follows:

(SGE 2E – 456,123,112,445,193&403)

(SGE 1E – 583,584,585,586)

OBG # BAY 3

This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control Personnel. This QA Inspector generated an MT report for this date. The member is identified as Longitudinal Diaphragms / Seg 8E. The weld designations reviewed are as follows:

(SEG008E-004-082,083,084,085,086,087) Green Tag # 005274

(LD011-005-011) Green Tag # 005178

(LD012-006-011) Green Tag # 005182

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(LD003-026-011) Green Tag # 004483
(LD004-023-011) Green Tag # 004484
(LD003-025-011) Green Tag # 004482
(LD011-006-011) Green Tag # 005179
(LD013-003-011) Green Tag # 005184
(LD002-015-011) Green Tag # 004476
(LD002-017-011) Green Tag # 004478
(LD004-024-011) Green Tag # 004485
(LD014-004-011) Green Tag # 005187
(LD012-005-011) Green Tag # 005181
(LD001-017-011) Green Tag # 004474
(LD007-007-011) Green Tag # 005177
(LD004-026-011) Green Tag # 004487
(LD001-018-011) Green Tag # 004475
(LD011-007-011) Green Tag # 005180
(LD014-003-011) Green Tag # 005186
(LD004-025-011) Green Tag # 004486
(LD012-007-011) Green Tag # 005183
(LD003-024-011) Green Tag # 004481
(LD005-007-011) Green Tag # 005188
(LD001-016-011) Green Tag # 004473
(LD002-018-011) Green Tag # 004479
(LD003-023-011) Green Tag # 004480
(LD001-015-011) Green Tag # 004472
(LD013-004-011) Green Tag # 005185
(LD002-016-011) Green Tag # 004477
(LD015-018-006,007,008) Green Tag # 005194
(LD018-009-006,007,008) Green Tag # 005191
(LD015-017-002,003,004) Green Tag # 005143
(LD017-010-002,003,004) Green Tag # 005192
(LD018-010-002,003,004) Green Tag # 005196
(LD017-009-006,007,008) Green Tag # 005190
(LD016-017-002,003,004) Green Tag # 005195
(LD016-018-006,007,008) Green Tag # 004489

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No Relevant Conversation

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 150-0042-2372, who represents the Office of Structural Materials for your project.

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Inspected By:	Sukanthan,Dhanasingh	Quality Assurance Inspector
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Reviewed By:	Clifford,William	QA Reviewer
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